



EE Times uk
Global news for the creators of technology

APPLY NOW
FOR A FREE
SUBSCRIPTION



www.charcroft.com/ComairRotron

charcroft
ELECTRONICS

COMAIR ROTRON

[EETimes.com](#) | [EETimes.eu](#) | [About](#) | [Contact](#) | [Feedback](#) | [RSS](#) | [Newsletter](#) | [Media Kit](#) | [Calendar of Events](#)

Search

Regional Editions: [Germany](#) [France](#) [UK](#) [Scandinavia](#) [Israel](#) [Eastern Europe](#) [Russia](#)

[Renew /Update your subscription](#)

[EE Times Europe](#) » [UK](#)

NEWS BY TOPIC

[Automotive](#)
[Communications](#)
[Consumer](#)
[Design & IP](#)
[Embedded](#)
[Environment](#)
[Industrial](#)
[Power](#)
[Production](#)
[Research](#)
[Semiconductor](#)
[Test & Measurement](#)
[Wireless](#)

FREE Technical Seminars

*Hamessing
change in a
programmable world.*

REGISTER NOW

PRODUCTS

POWERED BY **EEX**PRESS

[Analog ICs](#)
[Boards/Buses](#)
[DSP](#)
[Displays](#)
[Electromechanical](#)
[Embedded Tools](#)
[Interconnect](#)
[Logic & Interface](#)
[Memory](#)
[MPUs/MCUs](#)
[Passives/Sensors](#)
[PLDs/FPGAs](#)
[Power Components](#)
[Power Sources](#)
[RF/Microwave](#)
[Test/Measurement](#)

 **Technical Papers**


[Strukturierte ASICs der](#)

EU project set to make chip cards more secure

[John Walko](#)

[EE Times](#)

10/21/2009 11:11 AM

 Print
 Email
 Reprints
 SHARE 

LONDON — Three of Europe's leading chip makers, Infineon Technologies AG, ST Microelectronics and NXP Semiconductors Germany GmbH, as well as its largest supplier of chip cards, Giesecke & Devrient GmbH and Gemalto, have joined forces with several other companies and research organizations to develop a high-security chip card platform.

They will participate in a Euros 13 million (\$19.4 million) project dubbed BioP@ss whose aim is to do the technical spadework for the introduction of an electronic ID card in chip card format valid throughout the EU.

Other participants include id3Semiconductors, CEA-Leti, Precise Biometrics, Compuworx, oksystem, and Esterel Technologies.



Quality power solutions available from stock

ARROW
ARROW NORTHERN EUROPE

EMERSON
Network Power

As well as an ID card, the device, technologies and systems under development will be capable of providing a secure means of authentication for services offered by governments and public authorities, with BioP@ss-holders able to identify themselves electronically and carry out biometric authentication on the Internet.

Infineon and NXP will collaborate on refining encryption technologies for chips. Another main focus is to enhance

CAREER CENTER

Work - right now, just another four letter word.

[Open](#) | [Close](#)

TOP 5 UK STORIES

- [Wolfson stock rises as market hears about Nokia deal](#)
- [Startup claims breakthrough in reconfigurable logic](#)
- [Optical switch maker raises \\$8 million](#)
- [Taiwan's ITRI phasing out phase-change memory, says report](#)
- [A first look inside the Palm Pre](#)

RELATED ARTICLES

- [Liquid cathode fuel cell system claims record levels of power output](#)
- [Artisan acquires to expand consultancy and training services](#)
- [Xeltek recognizes The Debug Store as first Gold Distributor](#)
- [BAE Systems orders boost for e2v](#)
- [Anglia sets up specialist M2M division](#)

Around EE Times Europe



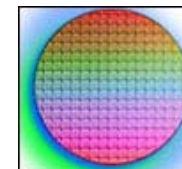
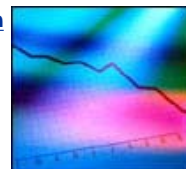
[REACH and the electronics supply chain: Are you ready?](#)

There are many reasons why the electronics industry should be concerned about the European Union's chemical law, REACH, and all of them will impact your

bottom line.

[European component distribution sales fail to meet expectations](#)

The European electronic component market available for distributors (DTAM) has shown a quarter-on-quarter growth in the first quarter of 2008 but below the expected level according to figures from The International Distribution of Electronics Association (IDEA).



[EU-funded project to support multicore system programming](#)

A consortium of 9 industrial partners and research institutions has received a 4 million euro subsidy to conduct a three-year

[zweiten Generation lösen zunehmend FPGAs ab](#)
[Nextreme Structured ASICs](#)
[UML for C](#)
[All White Papers »](#)

Podcasts

[Interview With Bruce Powell Douglass: What Is Agile?](#)

POLL

For those of you involved in embedded systems development: which of the following types of operating system are you planning to use in your next project?

- In-house developed OS
- Commercial proprietary
- Linux
- Android
- My project doesn't need an OS

[Visit The Poll Archives](#)

the data transfer rates between chip card and reader. G&D is developing an innovative chip card operating system which, by means of conventional Internet protocols (e.g. TCP/IP, HTTP, TLS and SOAP), will allow the chip cards to be used with Internet PCs without the need to install additional software components.

The connection between the chip card and the PC can either be wireless or via a USB interface.

It is estimated 380 million ID cards are currently in circulation throughout the EU's 27 countries. Several European nations — Bulgaria, the Czech Republic, France, Germany, Poland, Romania, Switzerland and the UK — have already announced their intention to introduce electronic ID cards over the next few years that will conform to international standards.

The project — scheduled to be completed by the end of June 2011 — aims to make chip card technology even more secure and easier to use for services such as a change of address, registering a vehicle, filing a tax return, casting a vote in elections and other services provided by the retail, banking and insurance sectors.

Half of the BioP@ss project costs will be covered by participating companies, with the remainder covered by funds from the European Eureka clusters Catrene/MEDEA+, which are provided by the national governments.

More detailed information about the project [can be downloaded](#) here.

Related Articles:

[Electronic ID cards to go online, Bundesdruckerei suggests](#)

[NXP denied in court against Dutch security researchers](#)

[Competition heats up in smart-cards](#)

[NXP enhances security on smart card ICs](#)

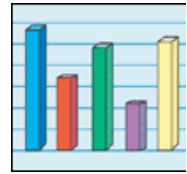
Please [login or register here](#) to post a comment o to get an email when other comments are made o this article



research project aiming to simplify parallel programming by developing integrated Transactional Memory systems for multicore computers.

WSTS cuts chip forecast by half

The World Semiconductor Trade Statistics (WSTS) group has cut its IC forecast.



[HOME](#) | [ABOUT](#) | [CONTACT](#) | [FEEDBACK](#) | [RSS](#) | [NEWSLETTER](#) | [MEDIA KIT](#) | [CALENDAR OF EVENTS](#) | [SUBSCRIPTIONS](#) | [ORIGINAL NEWS](#)

NETWORK WEBSITES

[Green SupplyLine](#) | [CommsDesign](#) | [DeepChip.com](#) | [Design & Reuse](#) | [Embedded.com](#) | [Embedded Edge Magazine](#) | [Embedded Computing Solutions](#) | [Planet Analog](#) | [eeProductCenter](#) | [Electronics Supply & Manufacturing](#) | [Inside \[DSP\]](#) | [Automotive DesignLine](#) | [Power Management DesignLine](#) | [Wireless Net DesignLine](#) | [Video/Imaging DesignLine](#) | [Industrial Control DesignLine](#) | [Programmable Logic DesignLine](#) | [Audio DesignLine](#) | [Mobile Handset DesignLine](#) | [TechOnline](#) | [DSP DesignLine](#) | [EDA DesignLine](#) | [RF DesignLine](#) | [Digital Home DesignLine](#)

INTERNATIONAL

[EE Times](#) | [EE Times JAPAN](#) | [EE Times Asia](#) | [EE Times CHINA](#) | [EE Times FRANCE](#) | [EE Times GERMANY](#) | [EE Times Korea](#) | [EE Times Taiwan](#) | [EE Times UK](#)

[Electronics Supply & Manufacturing - China](#) | [Microwave Engineering Europe](#) | [Analog Designline Europe](#) | [Automotive Designline Europe](#) | [Power Management Designline Europe](#) | [Embedded-europe.com](#) | [Mechanical Design](#)

NETWORK FEATURES

[Career Center](#) | [Conference/Events](#) | [Custom Magazines](#) | [EE Times Info/Reader Service](#)
[NetSeminar Services](#) | [Sponsor Products](#) | [Subscribe to Print](#) | [Global Supply Chain Summit](#) | [Product Shopper](#) | [ProductCasts](#) | [Reprints](#) | [EDA Tech Forum](#)